

19990827.qrp v01\_n561.qrl.990827

Date: Fri, 27 Aug 1999 19:03:08 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1561

QRP-L Digest 1561

Topics covered in this issue include:

- 1) [48583] Re: calling CQ when QRP - and tailgating QSO's  
by "Nick Kennedy" <nkennedy@cswnet.com>
- 2) [48584] Fw: QST  
by Marv Fagenson <k6hcj@juno.com>
- 3) [48585] Re: QRP CQs  
by "Steven Weber" <kd1jv@moose.ncia.net>
- 4) [48586] RE: NO TOROIDS OR CRYSTAL FILTERS TRANSCEIVERS ?  
by "Prof. Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
- 5) [48587] Re: QRPp Subscribers Please Read + Summer QRPp Mailed  
by "Ron Polityka" <wb3aal@talon.net>
- 6) [48588] K2 on Digital Modes  
by Eric Swartz WA6HHQ - Elecraft <erics@elecraft.com>
- 7) [48589] which kit to build  
by "Dick Schneider" <dschneider2@uswest.net>
- 8) [48590] Hawaii QRP contest  
by kf2ew@juno.com
- 9) [48591] Re: calling CQ when QRP - and tailgating QSO's  
by n5ib@juno.com
- 10) [48592] Re: On-line receiver  
by Joe Everhart <n2cx@voicenet.com>
- 11) [48593] QRP stn goodies for sale  
by Goemans <jgoemans@facstaff.wisc.edu>
- 12) [48594] Re: calling CQ on QRP  
by Jess Gypin <jessqrp@earthlink.net>
- 13) [48595] MORE New Products from Morse Express  
by "Marshall Emm" <mgemm@mtechnologies.com>
- 14) [48596] Re: code speed  
by Art38M@aol.com
- 15) [48597] Foxhunt 2000 Website & UPDATE  
by "Paul R. Valko" <prvalko@oakland.edu>
- 16) [48598] calling CQ as QRP  
by k1vp@lawson-philpot.com
- 17) [48599] Battery charging weird  
by hamjoel@juno.com
- 18) [48600] Re: code speed  
by Phil Wheeler <w7ox@mindspring.com>
- 19) [48601] TAIL FRIENDLY RADIO



- by Ben Pooley <bpooley@bar.auracom.com>
- 44) [48626] Re: "Bug Mode" keyers  
by Charles Kadesch <chas@digizen.net>
- 45) [48627] Re: "Bug Mode" keyers  
by WA3FIY <WA3FIY@csonline.net>
- 46) [48628] VE3 Frequency Marker Kit  
by <msailer@willys.buoy.com>
- 47) [48629] Re: calling CQ as QRP  
by Bill B Lazure <n2tpa@juno.com>
- 48) [48630] MT-ID Special Event Station This Weekend  
by "Dick Schneider" <dschneider2@uswest.net>
- 49) [48631] Re: K2 demonstration  
by Phil Wheeler <w7ox@mindspring.com>
- 50) [48632] Re: "Bug Mode" keyers  
by Monte Stark <ku7y@dri.edu>
- 51) [48633] NorCal Toroid Kit Announcement  
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 52) [48634] Soldering Station  
by Brad Mugleston <bmug@gwl.com>
- 53) [48635] FS: Complete Ten Tec Argonaut Station  
by Joe Buch <joseph.buch@dol.net>
- 54) [48636] Anyone out there has a Howes CVF40 VFO ?  
by Sly <cqsly@tm.net.my>
- 55) [48637] Re: BUBBA - Final reminder  
by Bob Patten <n4bp@bc.seflin.org>
- 56) [48638] QRP Contesting This Weekend  
by Ken Newman <N2CQ@citnet.com>
- 57) [48639] Re: BUBBA - Final reminder  
by Bob Patten <n4bp@bc.seflin.org>
- 58) [48640] need help with outlook express, not qrp  
by Scott Howell <whowell@hq.nasa.gov>
- 59) [48641] Re: Silver Wire  
by "Brad Hernlem" <alihernlem@hotmail.com>
- 60) [48642] What Kit Should I Build? #3 in a series  
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 61) [48643] VE3DNL MARKER GENERATOR  
by chuck.olson@sbaonline.gov
- 62) [48644] Re: "Bug Mode" keyers  
by "Marshall Emm" <mgemm@mtechnologies.com>
- 63) [48645] Re: QRPp Subscribers Please Read + Summer QRPp Mailed  
by "William R. Colbert" <af852@rgfn.epcc.edu>
- 64) [48646] Spring QRPp in West Texas  
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 65) [48647] N4BP K2-QSL  
by Bob Patten <n4bp@bc.seflin.org>
- 66) [48648] Re: Soldering Station  
by Chris Trask <ctrask@primenet.com>
- 67) [48649] Re: Soldering Station

- by "Mike Yetsko" <myetsko@insydesw.com>
- 68) [48650] FS: Dick Smith QRP Xcvr Kit CW/USB/LSB  
by HWRM1SS@aol.com
- 69) [48651] Only 50 NorCal Cap kits left  
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 70) [48652] Dick Smith QRP Xcvr Kit CW/USB/LSB is SOLD !!!  
by HWRM1SS@aol.com
- 71) [48653] 30M Propagation Tests  
by K2UD@aol.com
- 72) [48654] Power Supply?  
by Jeff Davis <jeff@n9avg.org>
- 73) [48655] FS LDG AT-11 QRP Autotuner  
by Brian Short <bshort@speedchoice.com>
- 74) [48656] Re: "Bug Mode" keyers  
by FrConrad@aol.com
- 75) [48657] Re: Soldering Station  
by RABRUNER@aol.com

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Date: Thu, 26 Aug 1999 17:56:28 -0500  
From: "Nick Kennedy" <nkennedy@cswnet.com>  
To: <n5ib@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [48583] Re: calling CQ when QRP - and tailgating QSO's  
Message-ID: <000601bef016\$3c54f4e0\$487154d8@big>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

The ideas on tailgating sound good.

On calling CQ ... Back before I started doing any QRP, I always enjoyed working someone who identified himself as QRP. It always makes a QSO more interesting when there's something a little different about the other station.

Plus, if I heard a station CQing and he was a little weak, I might hesitate to answer thinking I'd naturally be weak on his end too. But if he identified himself as QRP, I'd figure I'm probably OK on his end and he probably doesn't mind working weak stations anyway. And I don't even have to lie when I give him his RST. I can't lose!

I guess I'm making a pitch for both calling CQ and for indicating QRP status.

72,

Nick, WA5BDU

-----  
Date: Thu, 26 Aug 1999 15:58:55 -0700  
From: Marv Fagenson <k6hcj@juno.com>  
To: qrp-1@Lehigh.edu  
Subject: [48584] Fw: QST  
Message-ID: <19990826.160234.-74141.0.k6hcj@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Marv Fagenson  
k6hcj@Juno.com

----- Forwarded message -----  
From: Marv Fagenson <k6hcj@juno.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Date: Thu, 26 Aug 1999 09:39:01 -0700  
Subject: QST  
Message-ID: <19990826.093901.-376297.2.k6hcj@juno.com>

Anyone have a spare KE6RIE enclosure for a  
38 Special. I would like to buy it.  
How about a spare KE6RIE rainbow case, too?  
Tnx  
Marv Fagenson  
k6hcj@Juno.com

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-----  
Date: Thu, 26 Aug 1999 18:32:23 +0000  
From: "Steven Weber" <kd1jv@moose.ncia.net>  
To: qrp-1@lehigh.edu

Subject: [48585] Re: QRP CQs  
Message-ID: <199908262314.TAA01353@moose.ncia.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

>  
> >Calling CQ (outside of 'tests) is a poor strategy even in QRO  
>>operations if what you want is to make a QS0.

Heck, if no one called CQ, how'd we know anyone was out there?  
Somebody's got to call CQ some time to get the ball rolling and why  
should we wait for some QRO station to start it?

If I hear a wicked loud station calling CQ, chances are I woun't  
answer. If I hear a weak station calling CQ, I will answer, especialy  
if they sign /QRP. Chances are good a weak station calling CQ  
between 7.04 and 7.045 will be QRP. If thier not, chances are good  
they woun't hear me answer.

I call CQ/QRP all the time. Sometimes I get a responce right away or  
after a few calls, sometimes I don't. I'd say more often than not I  
get a responce. Sometimes from a QRO station, sometimes from a fellow  
QRPer. If I don't get a responce, well, at least I tried.

With the number of QRP stations that hang out on 40M (and 20) these  
days, calling CQ/QRP will sure help find them. If you call CQ and  
never get an answer, my guess is you need A, a better antenna, B, a  
better receiver or C, you have a serious Tx/Rx offset misalignment  
problem.

72,  
Steve, KD1JV in the white Mountains of New Hampshire  
"melt solder"

-----  
Date: Thu, 26 Aug 1999 19:21:28 -0400  
From: "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>  
To: "qrp-L" <qrp-l@LeHigh.edu>  
Subject: [48586] RE: NO TOROIDS OR CRYSTAL FILTERS TRANSCEIVERS ?  
Message-ID: <00a001bef01a\$0ac5be60\$95a09ea9@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

HI ALL !

1. Thanks to all of you that have taken time away from the many daily tasks to send e-mail about the NO TOROID rigs
2. The "thread" has developed, and has generated intercontinental interest....
3. The wonderful efforts by NORCAL and the G-QRP club to help develop amateur radio in less developed countries are coming to the minds of many of us with this effort
4. It seems like MINIATURIZATION, while a desired goal for many QRPers of developed areas of the world, may not be ideal to "produce" a simple no frills QRP transceiver
5. The KISS approach is also in the minds of many of the contributors to the "thread", with suggestions as "test a single balanced mixer, and compare your results with a DBM... if they are NOT SO DIFFERENT, then you can use the SBM, saving components
6. Separate receiver and transmitter seems to be a good idea, IF they can be linked properly for transceive operation later. Even if this is not possible, separate receiver and transmitter seems to be a good idea for this kind of project.
7. COMPONENTS: Almost all of you that wrote to me about the project recommend to TEST recycled components at some kind of more sophisticated facility , so that one can be sure that they are OK, thus saving builders lots of headaches !
8. Last but not least... KITTING !!!  
YES, that could be our goal.. following Doug and Jim from NORCAL... this project may end with a very simple, yet effective kit for a single band receiver and its associated single band transmitter, a lot simpler to assemble than those presently available... That means PC boards with wide traces, and then the traces well separated from each other, following the practice that it is better to buy a bit more of PC board material, than to have to JUNK to whole board because of too tightly placed components...

PHASE THREE:  
Now in the works...  
I'll post the two designs that are just hatching out of the egg !

One , suggested by a QRP-l enthusiast  
reminds me of a two meter AM rig published  
in QST when yours truly was in high school..  
YES... a regenerative fixed frequency ( almost )  
detector ... ( remember that our project does  
not contemplate the use of TOROIDS, or  
crystal filters !!!

Keep those good ideas coming, we may soon  
have the next century's first low cost  
simple rig to help populate the bands  
in many areas of the world !

Arnie

C02KK

e-mail:arnie@radiohc.org

e-mail:inforhc@mail.infocom.etcusa.cu

Postal address:

Prof. Arnaldo Coro Antich

La Torre no.127 entre 35 y 37

Nuevo Vedado, Plaza

Ciudad Habana , 10600

CUBA

-----  
Date: Thu, 26 Aug 1999 19:25:02 -0400  
From: "Ron Polityka" <wb3aal@talon.net>  
To: "QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [48587] Re: QRPp Subscribers Please Read + Summer QRPp Mailed  
Message-ID: <028201bef01a\$397d9520\$7ee508cf@wb3aal>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello Everyone,

I have to add my 2 cents.

I call CQ at 5 watts out into a vertical at 33' high with radials  
on my roof. Stations do come back to my calls. I like to do  
mWatts, occasionally I call CQ, but that is 50-50 at a nibble  
unless you have someone with good ears on the other end.  
I like to hang on one frequency and just let the radio play. Then  
I will do some stuff around the shack then when I hear them I  
work the station, you would be surprised on the calls I work this  
way. I was on one freq. on 15 Meters and I worked a CT1, I8 &



7X4 all with 5 watts.

Have a little patience!

72 & 73  
Good DXing

Ron Polityka  
de WB3AAL  
wb3aal@talon.net

vvv Eastern Pennsylvania QRP Web Page vvv  
[http://www.kpsnet.com/wb3aal/Start\\_Page.htm](http://www.kpsnet.com/wb3aal/Start_Page.htm)  
Eastern Pennsylvania QRP Club Call --> N3EPA

EPA QRP #1	NJ QRP #179
KL7 QRP # 309	G-QRP # 3031
ARCI QRP # 5318	10 - X #13173
NorCal #	Zombie #625
ARS # 380	Bumblebee #15

SETI @ Home Project  
<http://setiathome.ssl.berkeley.edu>

-----  
Date: Thu, 26 Aug 1999 16:38:13 -0700  
From: Eric Swartz WA6HHQ - Elecraft <erics@elecraft.com>  
To: QRP-L <qrp-l@lehigh.edu>  
Subject: [48588] K2 on Digital Modes  
Message-ID: <37C5CFE5.45BD0579@elecraft.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi Art,

The best way to do the digital modes on the K2 is to use AFSK via the SSB adapter. PSK31 / RTTY / Pactor etc. can be run from the modem to the K2's microphone jack.

By the way, the K2 SSB adapter allows you to transmit through the SSB filter and still use the narrow CW filter on RX.

I have a working SSB adapter in my K2 and will try to set up for PSK31 this next week. Several guys on the [Elecraft] list are already receiving digital

modes on their K2s.

We had to make a minor correction on the SSB PC boards. New ones are due in Friday,  
so we should be shipping them soon!

73, Eric  
<http://www.elecrafter.com>

"Art Neilson, KH7PZ" wrote:

>  
> Saw this message on qrp-l. What's the best way to do digital modes with  
> the K2? Will the host I/O option do this or should I build a homebrew  
> interface such as the one KD7S built for his NC-20??

=====

>From QRP-L:

> >Hello, my friends.  
> >  
> >I had my first RTTY contact last night using my NorCal 20. I designed a  
> >small, homebrew interface that works with Hamcomm software and FSKs the  
> >NC20. ...

-----

Date: Thu, 26 Aug 1999 17:35:29 -0600  
From: "Dick Schneider" <dschneider2@uswest.net>  
To: "QRP-L" <qrp-l@Lehigh.edu>  
Subject: [48589] which kit to build  
Message-ID: <002f01bef01b\$aedaa320\$bd9ca0d8@dnvr.uswest.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Don't know if this thread was designed to elicit comments from others on their favorites for newbie builders, but thanks to the First Amendment, here are my thoughts:

I'm becoming a big fan of single-button memory keyers. While I haven't yet built an Embedded Research kit, but I'd like to pass on my top-rate experience with the PK-2 keyer by Chuck Olson, WB9KZY. This too is a good kit for anyone in the early stages of kit-building. I've also built Chuck's Island Memory Keyer, which is challenging because of the need to wire in an array of push-buttons.

The PK-2 kit uses a single push-button control and a small pot to control speed, although speed also can be programmed with your paddle. It has all the bells and whistles including a pair of 52-character memories plus a memory that holds your callsign. Sidetone oscillator and a tiny speaker. I popped the whole thing including battery into an Altoids box and use it a lot for contesting while on the road.

It's a nice one-evening kit. I think I paid about \$17 for the board kit and another 7 or 8 bucks for the hardware package. It's a great addition to my QRP rig line-up, including my Oner!

You can get them from Marshall at Milestone. I think he lurks around the list a bit.

OK, I've got to get back to my K-2, and get it built and on the air before the next millenium, and before elecrafft spansks me.

Have fun with kits!

72 Dick AB0CD..

-----  
Date: Thu, 26 Aug 1999 19:47:15 -0400  
From: kf2ew@juno.com  
To: qrp-l@lehigh.edu  
Subject: [48590] Hawaii QRP contest  
Message-ID: <19990826.194718.-259517.2.kf2ew@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

There was a recent post for August contests that included an Hawaiian QRP contest this coming weekend. I went to the website but alas, it was in (you guessed it - Hawaiian!) Hawaiian!

My first and second language is southern and almost southern American english, respectively and so I had some difficulty reading it. Actually, I could read it, I just didn't know what it meant.

I have not seen any more posts concerning this contest and I am planning my entire weekend around it. Does anyone know if it's still on? Does anyone have the rules?  
Does anyone have the time to respond?

Thanks,

Mike, KF2EW

-----  
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-----

Date: Thu, 26 Aug 1999 20:07:17 EDT  
From: n5ib@juno.com  
To: qrp-1@Lehigh.edu  
Subject: [48591] Re: calling CQ when QRP - and tailgating QSO's  
Message-ID: <19990826.185736.4775.0.N5IB@juno.com>

Oops, thanks to the folks who responded, I completely forgot about QRV - its been too long, I guess, since I handled formal traffic on CW (early 80's).... a senior moment perhaps :^)

from "Operating an Amateur Radio Station" 9th ed 1980:  
QRV? = are you ready?  
QRV = I am ready

It makes perfect sense to sign ... SK W5XYX de N5IB (insert the usual pleasantries here) QRV  
That says "I am ready for another QSO"

and for the op whose reading the mail to send.... de N5IB QRV?

That says, "here I am. Are you ready for another QSO, either one (or both) of you."  
BTW, CW roundtables (not implying directed nets, but real roundtable rag chews ) are a blast, you really have to keep your wits about you, can't depend on an NCS to save your bacon if you daydream. But I love nets also.

I never liked to use QRZ for general solicitations of calls - I suppose it's due to my NAVY MARS (N0XZP - how's that for a CW call ?!) days and the weathered Chief Radioman who rode herd on our procedures

QRZ? = "who is calling me?" which implies you heard a call but couldn't make it out (not "somebody call me, please" -- even though that is kind of the defacto usage these days)

I shall endeavor to call CQ at least once per operating session, to occasionally sign /QRP so folks know why I'm so darn weak, (maybe /QLA also.... QLA? = "are you using a lousy antenna" QLA = "yes, #\$\$%&, I AM using a lousy antenna) and to end with QRV after a QSO if I have time for "just one more contact, honey, and then I'll turn off the radio" :^)

72

Jim N5IB

-----  
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-----

Date: Thu, 26 Aug 1999 20:29:26 -0400  
From: Joe Everhart <n2cx@voicenet.com>  
To: qrp-1@Lehigh.EDU  
Subject: [48592] Re: On-line receiver  
Message-ID: <199908270029.UAA61986@nss4.cc.lehigh.edu>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Gang,

Wow, my query earlier today about the URL for an  
on-line SW receiver was well answered.

The site I used in the past and forgot was:

<http://www.chilton.com/scripts/radio/R8-receiver>

However the following sites were also recommended by a number  
of folks:

<http://speed.nimh.nih.gov/listener/ralistener.html>

<http://www.ralabs.com/webradio/>

The "nimh" site has some local (to the Wash, DC area)  
VHF posting recommendations for their VHF receiver and  
some links to other sites.

The "ralabs" reference has a choice of two receivers but  
neither was "up" when I checked it out earlier today.

Thanks to the following helpful folks for their responses:

Mike, W9OJ

Al, N3KFL

Curt, k3ivb  
Clark, WA2UNN  
David, n2zhy  
John, KK5NU  
Chuck, WB9KZY  
Chris, N3XRV  
Ken, N9VV

72/73,

Joe E., N2CX

-----  
Date: Thu, 26 Aug 1999 19:46:27 -0500  
From: Goemans <jgoemans@facstaff.wisc.edu>  
To: qrp-l@lehigh.edu  
Subject: [48593] QRP stn goodies for sale  
Message-ID: <3.0.2.32.19990826194627.0069ed18@facstaff.wisc.edu>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi all,

I am selling my beautiful Ten Tec Argosy II (525D), as used in my award-winning foxhunt (1995-6 champion) station. Condition like new on face, maybe a couple tiny scratches on cabinet. Comes with the model 217 (8-pole) cw filter, 223A NB, 224 audio filter, 700c hand microphone, matching 225 power supply, and a homebrew fused DC cord. You also get all manuals/instruction sheets, and the original full-color Sept 1983 QST ad! The only mod is that the meter lamp now switches off with the LED display. This is documented in my article in QRP Quarterly Apr 1993. Shipped to you for \$525 in CONUS.

Also selling my Timewave DSP-59+, software v3.0, with manual, for \$190 shipped to you in CONUS.

Still have my somewhat dull looking Vibroplex Brass Racer EK-1 for sale. Has TiCK-1 keyer inside instead of the Curtis 8044 board it came with. With manual and original (working) board, \$90 shipped in CONUS. The Brass Racer EK-1 is no longer available from Vibroplex.

You may contact me via Email direct, or CBA.

72, Paul

Paul Goemans WA9PWP  
1508 Sundt Lane Stoughton, Wi 53589

-----  
Date: Thu, 26 Aug 1999 19:21:01 -0600  
From: Jess Gypin <jessqrp@earthlink.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [48594] Re: calling CQ on QRP  
Message-ID: <3.0.3.32.19990826192101.006a00b4@mail.earthlink.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I guess I am the odd ball. I will tell one anecdotal (sp?) story about this. I was calling CQ on 30 meters and /QRP/M at that (read mobile to a hamstick at that). I had Dave Ingram, one of the great afficianado's of QRP answer. He asked why I was only running 5 watts and not 50 or more out of the at that time DX-70. He gave me a 559 and I answered that I was talking with him at 5. Everybody has different luck. Don't let that stop you from trying. I hear that calling CQ on QRP is a waste of time and it is absolutley not. I start 90 % of my QSO's with a CQ and have never gone wanting for a Q.

Jess AE0CW

At 08:43 AM 08/26/1999 -0400, Armin Hachmer wrote:  
>My success calling CQ with 5 watts mobile has been zippo.  
>Tailgating is the way (other than answering CQ's)  
>The suggestion to add ? after SK indicating readiness to have another QSO  
>sounds good to me....  
>Thanks Jim N5IB. Count me in on your idea.  
>Cheers  
>Armin Hachmer VE3TEQ  
>'Life is a contactsport'  
>armin@muskoka.com  
>  
>  
>

-----  
Date: Thu, 26 Aug 1999 19:20:21 -0600  
From: "Marshall Emm" <mgemm@mtechnologies.com>  
To: qrp-1@lehigh.edu, CQCList@cqc.org, brasspounders@e-groups.com,

Morse.Express@edison.chisp.net  
Subject: [48595] MORE New Products from Morse Express  
Message-ID: <199908270118.TAA20640@edison.chisp.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

In todays headlines, a new Schurr paddle, a new publication, and a name and a new price for the Chinese No-Name Paddle....

1. Morse Express is now the US importer for Schurr keys. I can say personally it is a thrill to be working directly with Gerhard Schurr DH2SAA rather than through a middleman, and am delighted that Schurr keys are still available. What's new is an item that has not been imported for a couple years, the Schurr "Einbau Wabbler." The Einbau, or "build-in" paddle is the mechanism from the Portable Wabbler, without the base, cover or cord (and at a substantially lower price-- \$139.95). It's on a tiny base, ready to build into a radio, keyer, or other enclosure. See it at <http://www.MorseX.com/schurr> or e-mail me for a picture if that's easier.

2. My four part series "Electronic Construction from A to Z" or "Everything you wanted to know about building stuff but were afraid to ask" is finally available in print. If you have web access you can read it free at <http://www.morsex.com/building/atoz.htm> but if you don't you can now get hardcopy for \$10.

3. The Chinese No-Name Paddle has a name-- it is the Quadriom TA-1, made by Quadriom Company in WuXi China. In honor of the occasion, the price is reduced to \$79.95 and you can see a picture of it at <http://www.MorseX.com/pla>.

We have secure ordering facilities on the web site, or you can call 800-238- 8205 toll free (orders only please). For info, or to request a copy of our free catalog, call 303-752-3382 or write to:

Morse Express  
2460 S. Moline Way  
Aurora CO 80014 USA

-----  
Date: Thu, 26 Aug 1999 21:22:30 EDT  
From: Art38M@aol.com  
To: qrp-l@lehigh.edu  
Subject: [48596] Re: code speed  
Message-ID: <f5c80135.24f74256@aol.com>



MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

In a message dated 99-08-26 13:52:33 EDT, you write:

Your not alone, I only work stations from 13 to 20 wpm, have never been able to copy anything above that all these 45 years. Guess thats one reason I don't get into contests, too bad one will slow down, to work the slower ops.

73,s Art W1FJI

<< Prof Arnie

Glad to see another slow poke cw man, comfortable at 17, 18 wpm. I thought I was the only one <g> .

K1zw

>>

-----  
Date: Thu, 26 Aug 1999 21:24:38 -0400 (EDT)  
From: "Paul R. Valko" <prvalko@oakland.edu>  
To: QRP List <qrp-l@lehigh.edu>  
Subject: [48597] Foxhunt 2000 Website & UPDATE  
Message-ID: <Pine.OSF.3.95.990826211243.1316A-1000000@saturn1.acs.oakland.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

The official QRP-L Foxhunt website is here:

<<http://www.acs.oakland.edu/~prvalko/foxhunt.htm>>

You can click there and get an HTML version of the FOXHUNT2000 rules, or you may download a cool version in ADOBE PDF.

As a reminder, the scores and other dope from last year is still there for the pickin's.

WEBMASTERS, sometime tomorrow, you may go to my main website (in the sig file) and steal (er... borrow) the jpg I created for the Foxhunt website to include as a banner on YOUR sites.

CLUB NEWSLETTER EDITORS, include the link and reprint the rules in your club paper!

QST, WorldRadio, 73, etc... ditto... can you believe I do all this stuff

for FREE?

With any luck, this will keep the "please post rules" requests on QRP-L to a minimum.

The CALL FOR FOXII will be issued NEXT WEEK. Make sure you've REALLY read the rules and understand what you are getting yourself into... the most fun you've had on ham radio - perhaps ever!

73! =paul= W8KC  
Collector of Ten\*Tecs and other fine plastics  
<<http://www.acs.oakland.edu/~prvalko>>

-----  
Date: Fri, 27 Aug 1999 02:43:09 GMT  
From: k1vp@lawson-philpot.com  
To: qrp-l@lehigh.edu  
Subject: [48598] calling CQ as QRP  
Message-ID: <19990827.2430900@work1.grizzly.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: quoted-printable

I have never given this much of a thought.  
I just call CQ and ignore the QRP part.  
If I hear a station calling CQ, i call him.  
I just operate with my 1.5 watts as if I  
was just another QRO guy with a modest station.

I more often hang out in the "DX" portion of  
the bands and go for anything I hear unless  
it is a big cluster pileup.

Seems to work out fine. Much of the time I don't  
even mention I'm QRP. When you give a guy a 569 and he gives  
you a 559, its rather embarassing to tell him you're  
running 2 watts after he describes a big beam and 300W. <G>

Ed Lawson  
K1VP=20

-----  
Date: Thu, 26 Aug 1999 21:34:13 -0400  
From: hamjoel@juno.com  
To: qrp-1@lehigh.edu  
Subject: [48599] Battery charging weird  
Message-ID: <19990826.213511.-271893.0.hamjoel@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

high gang

been qrp-ing on my rad shack 4ah battery and really ran the little  
sucker down...

I'm trying to charge it and am using a 6A / @ 2A charger...

I have had a heck of a time getting the thing to take any current... I  
put the charger on the 6 amp charge and it started out with a quarter of  
an amp and after a half hour is now up to 1 amp.....

The battery is not getting warm and I just switched the charger to the 2  
amp charge level and it is now drawing current in that position...

should I deep six the battery or is this about what to expect for a  
battery that gets really discharged???

Joel KE1LA

In Maine

-----  
Get the Internet just the way you want it.  
Free software, free e-mail, and free Internet access for a month!  
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

-----  
Date: Thu, 26 Aug 1999 18:58:11 -0700  
From: Phil Wheeler <w7ox@mindspring.com>  
To: Art38M@aol.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [48600] Re: code speed  
Message-ID: <37C5F0B3.7E1DE0D9@mindspring.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Art38M@aol.com wrote:

>

> In a message dated 99-08-26 13:52:33 EDT, you write:

>

> Your not alone, I only work stations from 13 to 20 wpm, have never been  
> able to copy anything above that all these 45 years. Guess thats one reason  
> I don't get into contests, too bad one will slow down, to work the slower  
> ops.  
>

That's why I use the "hut and pounce" approach, Art. After they work  
2-3 other stations I can get enuff info that I don't need to copy ALL  
they send when I get them. Well, I guess "pounce" is not quite the  
right word!

Phil

-----  
Date: Thu, 26 Aug 1999 22:01:24 EDT  
From: ARDUJENSKI@aol.com  
To: qrp-1@lehigh.edu  
Subject: [48601] TAIL FRIENDLY RADIO  
Message-ID: <6e203970.24f74b74@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

I am a bit new at hiking and especially with a ham radio in tow. I would like  
suggestions of a rig/battery combination (40 or 20M)that is lightweight and  
effective. It appears from my review of the specs, any rig that needs 12v  
will probably need a fairly hefty battery. I could be wrong though. The SST  
appears to be the only one that uses a 9v source. Maybe those batteries for  
power tools might be a good 12v source and fairly lightweight? Thanks in  
advance from "Eddie Baur of Woodinville ;-)" Alan KB7MBI

-----  
Date: Thu, 26 Aug 1999 22:08:43 -0400  
From: jmarran@juno.com  
To: qrp-1@lehigh.edu  
Subject: [48602] The RS/Oscar satellites and QRP.....  
Message-ID: <19990826.220920.-88671.0.JMarran@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Hello all. I hope that with summer coming to an end soon, you all got  
accomplished what you dreamed of during the winter. I have a general  
question about working the LEO satellites: It is my understanding that  
RS 12/13 can be worked with low amounts of power. Has anyone out there  
done so...and with what gear. I have all of the hardware worked out

here...just need more info. Also...anyone have ideas for inexpensive preamps? I appreciate the help.....

72,  
John KB2HSH

-----  
Date: Thu, 26 Aug 1999 22:24:25 -0400  
From: "Hugo Catta" <h.catta@worldnet.att.net>  
To: <hamjoel@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [48603] Re: Battery charging weird  
Message-ID: <011c01bef033\$49711a60\$7bdd4e0c@compaq>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> high gang  
> been qrp-ing on my rad shack 4ah battery and really ran the little  
> sucker down...  
> I'm trying to charge it and am using a 6A / @ 2A charger

...snip.....

The charging rate should be 1/5 of the battery capacity, (0.8A) for long and healthy life.

PowerSonic (mayor manufacturer), states:

"As a result of too high a charge voltage excessive current will flow into the battery after recharging full charge causing decomposition of water in the electrolyte and, hence, premature aging."

On a hunch, I'll say you are using the type of charger sold by Sears, (may be the same of Rat Shack's), which is designed to be used for cars or motorcycles batteries, not gel-cells.

I have one of those ( 10 and 2 amps, though), that go up to 15.6 volts when the battery is charged. If you let it go that high, the battery will age exponentially.

Check the voltage. Anything over 14.7v, (14.4 recommended), will harm the battery. Place a resistor in series to be able to control the charge and watch it close.

After it reaches 14.4, it reaches in theory 90% of the charge, you can place a diode in series to hold the voltage at 13.8v max. to "complete" it by trickle charging.

72, 73  
Hugo

CX9AAK/W2

-----  
Date: Thu, 26 Aug 1999 20:39:05 -0500  
From: Bob Liesenfeld <wb0poq@visi.com>  
To: jmarran@juno.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [48604] Re: The RS/Oscar satellites and QRP.....  
Message-ID: <37C5EC39.7D92C099@visi.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

jmarran@juno.com wrote:

>  
> Hello all. I hope that with summer coming to an end soon, you all got  
> accomplished what you dreamed of during the winter. I have a general  
> question about working the LEO satellites: It is my understanding that  
> RS 12/13 can be worked with low amounts of power. Has anyone out there  
> done so...and with what gear.

I have worked 20 states on RS 12/13 using a TS-430 at 5W and a random wire. This is a hot bird.

72 WB0POQ

--  
Genuine E-mail From the Land of the Everlasting Icicle...  
Bob Liesenfeld  
wb0poq@visi.com

-----  
Date: Thu, 26 Aug 1999 20:01:14 -0700  
From: Phil Wheeler <w7ox@mindspring.com>  
To: QRP List <qrp-1@lehigh.edu>  
Subject: [48605] Funk PA and Sierra  
Message-ID: <37C5FF7A.37FF5431@mindspring.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Has anyone installed a Funk PA in a (Wilderness or NorCal) Sierra?

Assuming, so

- o How did it go?
- o Did you get installation (vs. assembly) instructions?
- o How well does it work?

Tks in advance.

Phil W70X

-----  
 Date: 26 Aug 99 23:38:04 EDT  
 From: Roy Lincoln <wa4dou@usa.net>  
 To: h.catta@worldnet.att.net, Low Power Amateur Radio Discussion <qrp-  
 l@Lehigh.EDU>  
 Subject: [48606] Re: [Re: Battery charging weird]  
 Message-ID: <19990827033804.24940.qmail@nwcst021.netaddress.usa.net>  
 Mime-Version: 1.0  
 Content-Type: text/plain; charset=US-ASCII  
 Content-Transfer-Encoding: quoted-printable

Hi Guys,

If it were mine i wouldn't charge it at over 1/10th of capacity, thus 4=00  
 ma.

73 Roy Lincoln WA4DOU

-----=  
 - =  
 =

"Hugo Ca=

tta"

<h.catta@worldnet.att.net> wrote:

- > high gang
- > been qrp-ing on my rad shack 4ah battery and really ran the little
- > sucker down...
- > I'm trying to charge it and am using a 6A / @ 2A charger

=2E..snip.....

The charging rate should be 1/5 of the battery capacity, (0.8A) for long =  
 and  
 healthy life.

PowerSonic (mayor manufacturer), states:

"As a result of too high a charge voltage excessive current will flow int=

o  
the battery after recharging full charge causing decomposition of water in  
the electrolyte and, hence, premature aging."  
On a hunch, I'll say you are using the type of charger sold by Sears, (maybe  
be the same of Rat Shack's), which is designed to be used for cars or  
motorcycles batteries, not gel-cells.  
I have one of those ( 10 and 2 amps, though), that go up to 15.6 volts when  
the battery is charged. If you let it go that high, the battery will age  
exponentially.  
Check the voltage. Anything over 14.7v, (14.4 recommended), will harm the  
battery. Place a resistor in series to be able to control the charge and  
watch it close.  
After it reaches 14.4, it reaches in theory 90% of the charge, you can place  
a diode in series to hold the voltage at 13.8v max. to "complete" it by  
trickle charging.

72, 73  
Hugo  
CX9AAK/W2

-----  
Get free email and a permanent address at <http://www.netaddress.com/?N=3D=1>

-----  
Date: Thu, 26 Aug 1999 21:14:34 -0700  
From: Phil Wheeler <w7ox@mindspring.com>  
To: ARDUJENSKI@aol.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [48607] Re: TAIL FRIENDLY RADIO  
Message-ID: <37C610AA.C1BAD74B@mindspring.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

With an SST or NC-40A or even a Sierra, all of which are miserly on RX  
current, you can build a pack of Alkaline AA batteries (e.g., case from  
Radio Shack) that will do pretty well for hiking/backpacking; 10 should  
get you around 12-13 volts, and alkalines have pretty good energy  
density (mA-Hrs/lb).



The main issue often turns out to be what to use for an antenna, and how to support it, especially if you want to avoid carrying a tuner, mast, etc.

Phil

ARDUJENSKI@aol.com wrote:

>

> I am a bit new at hiking and especially with a ham radio in tow. I would like  
> suggestions of a rig/battery combination (40 or 20M) that is lightweight and  
> effective. It appears from my review of the specs, any rig that needs 12v  
> will probably need a fairly hefty battery. I could be wrong though. The SST  
> appears to be the only one that uses a 9v source. Maybe those batteries for  
> power tools might be a good 12v source and fairly lightweight? Thanks in  
> advance from "Eddie Baur of Woodinville ;-)" Alan KB7MBI

-----

Date: Thu, 26 Aug 1999 22:42:22 -0600 (MDT)  
From: "Paul Harden, NA5N" <na5n@rt66.com>  
To: qrp-l@lehigh.edu  
Cc: cqclist@cqc.org  
Subject: [48608] BUBBA Solar Condx  
Message-ID: <Pine.SUN.4.10.9908262230090.7766-1000000@shell.rt66.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

Good ole Sol is heating up good for us this weekend for the BUBBA event, both in terms of air temperate and the solar flux.

Today's solar flux was (insert drum roll here) ... 222! It will be 220 or so over the weekend. This means gobs of good ionization to make both 10 and 15 meters open with good propagation. Maybe too good, though, in that skip distances will be 1500 miles or so. You'll work the coasts easy, but forget the next few adjoining states. In fact, you may get more temperature reports from Tokyo and Buenos Aires than Phoenix!

The geomagnetic field has remained a bit active (for us, that means a bit noisy) due to persistent coronal streams and variations in the solar wind. But the forecast is for unsettled conditions, which is about the usual conditions on 40M.

All in all, it should be a great BUBBA. 20, 15 and 10M should all support good propagation due to the high solar flux, and 40M will support typical end-of-the-day kinda communications. So fire up on those upper bands first and make some noise. I'm planning on starting out on 15M and checking 10M periodically. It was 91 here today, 8-10 degrees

cooler than normal, but still plenty warm and humid for those multipliers.  
Most important is just working all those fellow QRPers sweating it out  
somewhere.

Have fun, and enjoy the bands. They should be good.

72, Paul NA5N

-----  
Date: Thu, 26 Aug 1999 21:40:25 -0700  
From: "Kory Hamzeh" <kory@avatar.com>  
To: <qrp-l@lehigh.edu>  
Subject: [48609] NC20 built, but two minor problems  
Message-ID: <006401bef046\$479cfc00\$14ce21c7@tomcat.avatar.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi All,

Hope your not getting sick of my NC20 questions, but it should die down soon  
since I just finished it!!

I do have a couple of minor problems with it:

1. I'm only getting about 4 1/2 watts out. I don't own a scope, have can I  
trouble shoot this?
2. I'm getting the famous "whoop" on transmit. I believe this is because of  
the voltage regulator not regulating well. Is there a fix for this?

20 meters seemed a little quite tonight. I did call CQ on 14.060, and I  
think a VE station came back, but he/she was barely above the noise level  
and I couldn't even copy the full call.

Thanks for any help!

73,  
Kory  
AC6RN

-----

Date: Thu, 26 Aug 1999 19:13:07 +0200  
From: "Juan Jose Pastor Estornell" <juanjope@ctv.es>  
To: "QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [48610] Is AE4JA in this list?. Let's do 15!..  
Message-ID: <007201bef04d\$3683ade0\$ab9119d4@juanjopectv>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Dear list friends,

Is AE4JA station operator round here?. If you are here please send a line to juanjope@ctv.es .

Well, I "had" a QSO last Wednesday evening (round 21:20 UTC) in 21.060 with Lou, AE4JA? in GA? who was using a K2 rig with 5 Watts output. I am only sure of name, rig and power. The signal was lost in the mud, peaking at 319 and then fading away. I am not even sure if I got the callsign O.K. ... . I will log the "QSO" in order to answer to any stray QSL I ever get ... . Thanks for bandwidth and hope to copy you all in 21.060!

A small question: which is the best UTC hour for contacts between the states and Europe?. I will try to be on the air then ...

73, 72 de Juanjo, EC5ACA/QRP. EA-QRP #104, G-QRP #9742, QRP-L #1662.

-----  
Date: Fri, 27 Aug 1999 01:42:59 EDT  
From: charles k brown <n4so@juno.com>  
To: qrp-l@lehigh.edu  
Subject: [48611] Labor Day CW Sprint  
Message-ID: <19990827.053914.7487.6.n4so@juno.com>

SPC this is the State/Province/DXCC country  
>From QST mag. Sept. 1999, p. 105  
sponsored by the Michigan QRP Club  
2300Z Sept 6-  
to 0300Z Sept 7  
CW only 160/80/40/20/15/10/6 mtrs  
Classes <250 mw (ok, Jim)  
250 mw to 1 W  
1 W to 5 W and over 5 W  
Exchange RST State.province/DXCC country and power  
output. Details in QST. Extra points for homebrew receivers, and  
transmitters.

Ken Brown N4SO  
Mobile, AL/EM50tk  
NorCal-20/5 watts/4 ele. beam

-----  
Get the Internet just the way you want it.  
Free software, free e-mail, and free Internet access for a month!  
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.  
-----

Date: Thu, 26 Aug 1999 23:01:16 -0700 (PDT)  
From: Monte Stark <ku7y@dri.edu>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [48612] Re: code speed  
Message-ID: <Pine.GS0.4.10.9908262255570.18520-100000@rotor.dri.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

One other very important idea when contesting and you can't seem to find anyone going slow enough for you to copy....

Move UP the band until you are above the main "glob" of stations.....then call CQ at whatever speed you want to.

Stations WILL call you (if you have any kind of sig!) and if they go too fast just send QRS. If they want the QS0 they will have to get down to your speed. And they DO want the QS0!

Will EVERY SINGLE station slow down?? Heck no, there will always be a few lids. But MOST will.

What should you do if someone doesn't slow down after a couple of QRS's???

I'd just call CQ again! They will either get the message or not get the QS0!

But be very carefull.....playing around in contests is known to increase your code speed.....

: -)

73, Ron,       SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....

-----

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If you looking small rig with a built in keyer, AFA, and a DDS VFO, it would be hard to beat the DSW rigs from Dave Benson. I can operate mine

down to 7 volts and the receiver is very hot. It is easy to build with just one adjustment to make. With the DDS you can RIT across the whole band split if you want to.

Transmitter comes right up to around 2w. Even at 7 volts, if I remember correctly, it puts out over 1/2 a watt. Check to QRP archives, I posted the output in steps from 13.8 down to 7 volts. The blue Doug Hauff case is fabulous, get it with the case!!

Now if you wanted the ultimate single band rig performance wise and didn't care about power consumption, size, I go for a Red Hot 20. The 40 will be out soon. But that wasn't the question was it. I just buy both and be done with it, it's only money. Just another opinion for what it is worth.

73 de w5jay..

ARDUJENSKI@aol.com wrote:

>

> I am a bit new at hiking and especially with a ham radio in tow. I would like  
> suggestions of a rig/battery combination (40 or 20M)that is lightweight and

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Date: Fri, 27 Aug 1999 03:50:16 -0500  
From: "George Heron" <n2apb@erols.com>  
To: <JIM-EK@worldnet.att.net>, "QRP-L" <qrp-l@Lehigh.EDU>, <njqrp@njqrp.org>  
Subject: [48615] Re: Radios in a Tin  
Message-ID: <006e01bef069\$33b22da0\$c397accf@computer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

The Jersey Fireball 40 QRPp Tx fits neatly in an Altoid tin. The schematic and manual are located online at the NJQRP website (<http://www.njqrp.org>) These kits are still available - an amazing deal, with mating 1.5W RF amplifier.

A companion Fireball receiver being introduced next month will also fit in a tin. And a companion VFO for the FB40 will also fit in yet another tin. (Info on these has been issued several weeks ago ... more details to be on the website soon.)

Couple these tins projects with the original Rainbow Tuner project from the NJQRP (which \*also\* fits in a tin) with some AA batteries in a tin and you would round out your "tin

station".

73, George N2APB  
n2apb@amsat.org in Baltimore, MD

>Just out of curiosity....which radios fit in an "Altoids"  
tin other than  
>the Pixie? Is there a place on line where we can find the  
schematics?

-----  
Date: Fri, 27 Aug 1999 09:05:37 +0100  
From: Jack Bennett <J.Bennett@lboro.ac.uk>  
To: qrp-l@lehigh.edu  
Message-ID: <3.0.6.32.19990827090537.007c3680@staff-mailin.lboro.ac.uk>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Postpone

-----  
Date: Fri, 27 Aug 1999 04:39:36 -0400  
From: "Ron Polityka" <wb3aal@talon.net>  
To: "QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [48617] Re: QRPP Subscribers Please Read + Summer QRPP Mailed  
Message-ID: <004101bef067\$b2740c00\$0ee508cf@wb3aal>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I forgot to say the only time I call CQ \QRP is when  
I am on the QRP frequencies. Anyplace else I don't  
use the \QRP. I can even break through a pile up, it  
is all in the way you make the contact and how good  
the other operator's ears are on the other side.

72 & 73  
Good DXing

Ron Polityka

de WB3AAL  
wb3aal@talon.net

vvv Eastern Pennsylvania QRP Web Page vvv  
[http://www.kpsnet.com/wb3aal/Start\\_Page.htm](http://www.kpsnet.com/wb3aal/Start_Page.htm)  
Eastern Pennsylvania QRP Club Call --> N3EPA

EPA QRP #1	NJ QRP #179
KL7 QRP # 309	G-QRP # 3031
ARCI QRP # 5318	10 - X #13173
NorCal #	Zombie #625
ARS # 380	Bumblebee #15

SETI @ Home Project  
<http://setiathome.ssl.berkeley.edu>

-----  
Date: Fri, 27 Aug 1999 03:08:11 -0700  
From: "Dave Fifield" <[fifield@pacbell.net](mailto:fifield@pacbell.net)>  
To: <[sjolin@swbell.net](mailto:sjolin@swbell.net)>, "Low Power Amateur Radio Discussion" <[qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)>  
Cc: <[kd7s@psnw.com](mailto:kd7s@psnw.com)>  
Subject: [48618] Re: The NorCal 20 goes digital  
Message-ID: <003801bef074\$124c1080\$0100a8c0@pacbell.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Dave et al,

The NC20 will run 100% at 5W without any problems. The rear panel is the heatsink for the transmit final transistor - it's a pretty big panel. I tried the brick-on-the-key test for a couple of hours once. The panel was nice and warm but definitely not "hot". It will be just fine for normal/contest RTTY.

I'm really looking forward to Bill's mod. Sounds like a winner to me!

72, Dave Fifield, AD6A  
<http://www.redhotradio.com>  
Home of the NC20 kit...

From: Dave Sjolin <[sjolin@swbell.net](mailto:sjolin@swbell.net)>  
(snip)  
> How hot does the final get? Does it seem to take the 4 watts okay on  
> reasonable length transmissions?



-----  
Date: Fri, 27 Aug 1999 08:00:54 -0400  
From: "dor" <elbc@pivot.net>  
To: <k1vp@lawson-philpot.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [48619] Re: calling CQ as QRP  
Message-ID: <005501bef083\$d192e680\$5711a1d0@mine1>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi all,  
Well this has been an elightening subject, I remember it being hashed around at a club meeting way back when I was a Novice , in the 60's, so I don't suppose we'll settle it here once and for all, I've always done the same as Ed, Just operated as if I would at any power level.  
Calling CQ often times has granted me the opertunity of talking to someone on what appeared to be a dead band, So you never know who's listening..

I would advise that you Listen , Listen then Listen again before calling CQ . I can't tell you how many times I've heard two stations within a Khz or less calling cq and never knew each other were there, now at times this is due to band condx but not always... I've worked a fair amount of good Dx while others were just a few cycles away calling CQ unaware of the Dx's presence, worked Indonesia , 5w the other day while another W1 was calling CQ just 800Hz up frequency,, Rule Number 1 listen first call CQ only after your satisfied that the frequency is clear and that there is not another weak station already calling

This is a great Hobby, and I like to fish also, calling CQ is a bit like fishing

73 & 72 DAVE KC1DI

----- Original Message -----

From: <k1vp@lawson-philpot.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Sent: Thursday, August 26, 1999 10:43 PM  
Subject: calling CQ as QRP

> I have never given this much of a thought.  
> I just call CQ and ignore the QRP part.  
> If I hear a station calling CQ, i call him.  
> I just operate with my 1.5 watts as if I

> was just another QRO guy with a modest station.  
>  
> I more often hang out in the "DX" portion of  
> the bands and go for anything I hear unless  
> it is a big cluster pileup.  
>  
> Seems to work out fine. Much of the time I don't  
> even mention I'm QRP. When you give a guy a 569 and he gives  
> you a 559, its rather embarassing to tell him you're  
> running 2 watts after he describes a big beam and 300W. <G>  
>  
> Ed Lawson  
> K1VP  
>  
>  
>

-----  
Date: Fri, 27 Aug 1999 08:28:02 -0400  
From: "Hugo Catta" <h.catta@worldnet.att.net>  
To: "Roy Lincoln" <wa4dou@usa.net>, "Low Power Amateur Radio Discussion" <qrp-  
l@Lehigh.EDU>  
Subject: [48620] Re: [Re: Battery charging weird]  
Message-ID: <005901bef087\$9b8098e0\$88dc4e0c@compaq>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

snip

Hi Guys,

    If it were mine i wouldn't charge it at over 1/10th of capacity, thus 400  
ma.

73 Roy Lincoln WA4DOU

When I say 0.8A, I mean inicial charging current. It drops as it charges.

72,  
Hugo  
CX9AAK/W2

-----

Date: Fri, 27 Aug 1999 07:21:48 -0500  
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [48621] Re: BUBBA - Final reminder  
Message-ID: <005501bef086\$bd0ecbe0\$e337a497@aa5tb>  
MIME-version: 1.0  
Content-type: text/plain; charset="iso-8859-1"  
Content-transfer-encoding: 7bit

At last now the heat is good for something - a big multiplier (assuming one can survive). Official high yesterday 106F, 109.2F here at home. Lows still around 84F. This doesn't even include the heat index. No sign of cooling off.

73,  
Steve Yates - AA5TB  
Fort Worth, TX - EM12gs  
<http://home.swbell.net/aa5tb>

-----  
Date: Fri, 27 Aug 1999 08:45:27 -0400  
From: John R Kirby <n3aaz-qrp@juno.com>  
To: buydens@duke.usask.ca, qrp-l@Lehigh.EDU  
Subject: [48622] Re: Torroid question  
Message-ID: <19990827.084723.-117187.1.n3aaz-qrp@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Hello Brian and Group

Saw your question,

>How does one determine the number of windings  
> on a toroid to match impedance. . .  
>. . . one could use 4 and 1, 8 and 2, etc.  
>Which is the correct number to choose.

the answer depends on the application.

Turns ratio works best at power line and  
audio frequencies.

Other techniques are used at radio freqs,

HF to . . . has several methods and  
. . . to micro wave yet different techniques.

For example, a very efficient,  
four to one impedance transformation can be realized  
with a one to one turns ratio wound on a torroid (that can  
be used between coax and twin lead from 3 MHz to 30 MHz),  
BUT other factors must be considered;  
core material (from a "power" saturation stand point),  
wire size (for best Q, least R >ohms<),  
number of turns >and< core material (inductance / >best< frequency  
response).

73  
John  
N3AAZ  
FM19xa

---

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---

Date: Fri, 27 Aug 1999 08:51:41 -0400  
From: Wayne A Smith <k8ff@juno.com>  
To: qrp-l@lehigh.edu  
Subject: [48623] K2 demonstration  
Message-ID: <19990827.085146.8046.0.k8ff@juno.com>

Last nite one of the local radio clubs had a show and tell meeting at a  
picnic area. Included were several FT100's and an IC706 in both mobile  
and portable settings. The STAR of the show was my K2 with the DK9SQ  
portable loop antenna.

The K2/DK9SQ setup was easily setup and was on the air first making  
QSO's. During the demo, most were suprised to find out that the K2 was  
only running 5 watts compaired to the other rigs at 100 watts. The guys  
were still talking about the K2 on the repeater this morning on the way  
to work. Neubies and oldtimers alike seem to be astonished at what QRP  
stations can do and are impressed with the K2.

I plan to set up the same combination at the next Hamfest as an attention  
grabber.

72, de Wayne K8FF  
KNOW CW

-----  
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Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.  
-----

Date: Fri, 27 Aug 1999 07:50:27 -0500  
From: Wes Spence <ac5k@ih2000.net>  
To: qrp-1@Lehigh.EDU  
Subject: [48624] Bicycle Mobile CW  
Message-ID: <37C68993.612B@ih2000.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Honored Gang:

I had my first Bicycle Mobile CW QSO yesterday. I got N8GZ while peddling. I was using the NN1G DSW-20 and a Ham-Stick mounted on my off-road bike. I was fun and not that difficult. This will not be a flash in the pan, I built the rig for the bike and plan to use it bicycle mobile often.

72, Wes, AC5K  
-----

Date: Fri, 27 Aug 1999 09:52:05 -0300  
From: Ben Pooley <bpooley@bar.auracom.com>  
To: qrp-1@lehigh.edu  
Subject: [48625] "Bug Mode" keyers  
Message-ID: <3.0.6.32.19990827095205.007e67e0@bar.auracom.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Gang:

I have used a bug on and off for over 40 years. Still not very smooth with it, but that's another story. Many years ago I tried an electronic keyer, and found that swapping back and forth between mechanical bug and electronic keyer required more cerebral and digital dexterity than I have.

Now the urge strikes to take my SW-30+ to the beach. The rig weighs a few ounces, a lightweight antenna, - even the rechargeable battery isn't too bad. The trusty bug outweighs them all!

Finally to the point. Is there an electronic keyer with a "Bug Mode" which will make dots for me, but allow me to stay with old habits and make my own dashes, however ill-formed and off-time they may be? Maybe this is an easy mod to put on an existing keyer. Any suggestions?

73, Ben VE1AHX  
Ben Pooley VE1AHX RR1 Lockeport NS Canada  
RAC QCWA QRP-C QRP-L

-----  
Date: Fri, 27 Aug 1999 09:02:02 -0700  
From: Charles Kadesch <chas@digizen.net>  
To: bpooley@bar.auracom.com  
Cc: qrp-l@lehigh.edu  
Subject: [48626] Re: "Bug Mode" keyers  
Message-ID: <37C6B67A.2DC4@digizen.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Ben Pooley wrote:

>  
> Finally to the point. Is there an electronic keyer with a  
> "Bug Mode" which will make dots for me ...

Ben: The PK-2 from Jackson Harbor Press has it.  
-72-  
Chas W3KC

-----  
Date: Fri, 27 Aug 1999 09:41:54 -0400  
From: WA3FIY <WA3FIY@csonline.net>  
To: bpooley@bar.auracom.com  
Cc: qrp-l@lehigh.edu  
Subject: [48627] Re: "Bug Mode" keyers  
Message-ID: <1.5.4.32.19990827134154.00697060@csonline.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

>  
>Finally to the point. Is there an electronic keyer with a  
>"Bug Mode" which will make dots for me, but allow me to stay  
>with old habits and make my own dashes, however ill-formed and  
>off-time they may be? Maybe this is an easy mod to put on an  
>existing keyer. Any suggestions?

>  
Check out the Radio Adventures CodeBoy keyer at:

<http://www.radioadv.com/products/Accessories/A1.htm>

Although not mentioned in the description, the CodeBoy can be put into the "bug" mode by adjusting the "space" control all the way to one end of its travel. It will do exactly what you are looking for in that mode. Complete with battery and shirt pocket size enclosure, it weighs a hefty 3 1/2 oz. It is also available without the case assy if you want to build it into your rig.

Good luck.

-Lee WA3FIY-

-----  
Date: Fri, 27 Aug 1999 10:22:56 -0400  
From: <msailer@willys.buoy.com>  
To: qrp-1@lehigh.edu  
Subject: [48628] VE3 Frequency Marker Kit  
Message-ID: <19990827102256.A21309@buoy.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Hi one and all,

I finally got some time and built the Frequency Marker kit. I have been following what everyone does with it to align and test radios. Maybe I don't understand how it is supposed to work, but unless I put the wire(9 inches long) in direct contact with the antenna connector, I don't hear any tone. Battery is new and measures 9.5v when connected. Am I doing something wrong??

Next issue is, when tuning for the marker you get a null when on frequency, right? No tone. Go off frequency and you hear the tone. Just want to be sure I'm doing this right.

I have checked the output and "calibrated" the trimmer cap with my Freq counter, so I know I'm close.

Thanks

Mark N2JTW

-----  
Date: Fri, 27 Aug 1999 09:37:29 -0400  
From: Bill B Lazure <n2tpa@juno.com>  
To: qrp-1@lehigh.edu  
Subject: [48629] Re: calling CQ as QRP  
Message-ID: <19990827.095145.7646.3.N2TPA@juno.com>

Best DX I've worked, and my only recent 1K mi/Watt (1300/W to be exact)  
was one where I called CQ.

Bill  
W2EB

-----  
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Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

-----  
Date: Fri, 27 Aug 1999 08:09:37 -0600  
From: "Dick Schneider" <dschneider2@uswest.net>  
To: "cqclist" <cqclist@cqcl.org>, "QRP-L" <qrp-1@Lehigh.edu>  
Subject: [48630] MT-ID Special Event Station This Weekend  
Message-ID: <017101bef095\$cc401e20\$bd9ca0d8@dnvr.uswest.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

For those interested in some MT or ID action, this group will be on the air  
over the weekend. As you can see, they will be QRP during some of their  
scheduled times.

72 Dick AB0CD..

#### A SPECIAL-EVENT ANNOUNCEMENT

A special event is being held to offer amateur radio communication from a  
point where two states (Montana and Idaho), three counties (Ravalli and  
Beaverhead in Montana, and Lemhi in Idaho), and the Great Continental Divide  
all conicide. The grid square is DN35aq. We will be using the callsign  
W7FTX.

Our schedule of probable times and frequencies on HF are given below. The



VHf schedule is below the HF schedule.

An asterisk (\*) indicates times our transmitter is QRP. QRP with your transmitter welcomed at any time.

Saturday, August 28, 1999:

1300-1400 UTC, 14.332;  
1400-1600 UTC, 14.055 to 14.065\* -or- 21.055 to 21.065\*;  
1600-1700 UTC, 21.390;  
1800-1900 UTC, 18.14;  
1900-2000 UTC, 14.332;  
2000-2200 UTC, 14.055 to 14.065\* -or- 21.055 to 21.065\*;  
2100-0000 UTC, 28.4;  
2200-2300 UTC, 24.950;  
0000-0100 UTC, 18.14;  
0100-0200 UTC, 3.716 -or- 7.140;  
0200-0300 UTC, 14.332;  
0300-0400 UTC, 3.716 -or- 7.140;  
0400-0500 UTC, 3.795 -or- 7.190;

Sunday, August 29, 1999

1300-1400 UTC, 14.332;  
1400-1500 UTC, 24.950;  
1500-1600 UTC, 14.055 to 14.065 \*-or- 21.055 to 21.065\*;  
1600-1700 UTC, 21.390;  
1700-1800 UTC, 14.055 to 14.065\* -or- 21.055 to 21.065\*;  
1800-1900 UTC, 18.14

#### VHF SCHEDULE

VHF will be only on Saturday.

1800-0400 UTC, 50.150 calling, listening 50.125 to 50.150  
1800-2100 UTC, 144.2, or this frequency can be requested at other times on  
6 meter frequency

-----  
Date: Fri, 27 Aug 1999 07:18:06 -0700  
From: Phil Wheeler <w7ox@mindspring.com>  
To: k8ff@juno.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [48631] Re: K2 demonstration  
Message-ID: <37C69E1E.49780926@mindspring.com>  
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Sounds great, Wayne.

I have that combo, too: K2 #380 and the KK9SQ mast/loop. Still have to try it the first time (working long hrs and I've had the mast/loop less than a week). But reading your report sure got my juices flowing.

Also have a couple of the "NorCal" paddle sets .. which I assume you were using :-). Very nice design; I do need to adjust mine a bit better and do the mod to make the plastic paddles closer together. All in time .. when I get some!

Phil

Wayne A Smith wrote:

>  
> Last nite one of the local radio clubs had a show and tell meeting at a  
> picnic area. Included were several FT100's and an IC706 in both mobile  
> and portable settings. The STAR of the show was my K2 with the DK9SQ  
> portable loop antenna.  
>  
> The K2/DK9SQ setup was easily setup and was on the air first making  
> QSO's. During the demo, most were suprised to find out that the K2 was  
> only running 5 watts compaired to the other rigs at 100 watts. The guys  
> were still talking about the K2 on the repeater this morning on the way  
> to work. Neubies and oldtimers alike seem to be astonished at what QRP  
> stations can do and are impressed with the K2.  
>  
> I plan to set up the same combination at the next Hamfest as an attention  
> grabber.  
>  
> 72, de Wayne K8FF  
> KNOW CW  
>  
> -----  
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-----  
Date: Fri, 27 Aug 1999 07:25:53 -0700 (PDT)  
From: Monte Stark <ku7y@dri.edu>  
To: Ben Pooley <bpooley@bar.auracom.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [48632] Re: "Bug Mode" keyers

Message-ID: <Pine.GS0.4.10.9908270722140.20011-100000@rotor.dri.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Ben,

It should be easy to wire a jack to let you use whatever keyer you have for the dits while using the paddle to make the dahs.

I have tried the "keyer bugs" and don't care for them. There is just something about that arm bouncing back and forth with it's little "rattling" sound that makes the world seem alright after all..... :-)

cul,

73, Ron,        SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

-----

Date: Fri, 27 Aug 1999 07:53:53 -0700  
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)  
To: <qrp-l@lehigh.edu>  
Subject: [48633] NorCal Toroid Kit Announcement  
Message-ID: <01bef09b\$fb1e0bc0\$630a0d0a@doug.dpol.k12.ca.us>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Guys, here is the NorCal Toroid Kit announcement.

NorCal has put together an assortment of popular toroids. Here is what the kit consists of:

25 of the T37-2 (Red)  
25 of the T37-6 (Yellow)  
25 of the FT37-43 (Ferrite Black)  
25 of the FT37-61 (Ferrite Black)  
30 Ferrite Beads  
10 of the T50-7 (White)  
1 T130-2 (used in Antenna Tuners)

The cost of the kit is \$25 + \$4 shipping and handling in the US and Canada, \$6 DX. We will have the kits ready to ship on Oct. 1st. To order, please send a check or money order in US Funds only made out to Jim Cates to:

Jim Cates  
3241 Eastwood Rd.  
Sacramento, CA 95821

Please include a self addressed mailing lable and indicate that you are ordering the toroid kit.

72, Doug, KI6DS

-----  
Date: Fri, 27 Aug 1999 08:59:23 -0600  
From: Brad Mugleston <bmug@gwl.com>  
To: "'qrp-l'" <qrp-l@lehigh.edu>, "'homebrew'" <homebrew@qth.net>  
Subject: [48634] Soldering Station  
Message-ID: <01BEF06A.77AEDA20.bmug@gwl.com>

TechAmerica has their EDSYN soldering station on sale (\$74.50 lists \$149). The only place I've seen EDSYN is at TechAmerica. they have a nice web site but so do a lot of people.

Can anyone give me the low down? Are the tips easy to get/replace. Do they have lots and lots of accessories - what good is buying something if there aren't lots of accessories to buy.

thanks

de KI00T, Brad

-----  
Date: Fri, 27 Aug 1999 11:10:42 -0400  
From: Joe Buch <joseph.buch@dol.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [48635] FS: Complete Ten Tec Argonaut Station  
Message-ID: <3.0.3.16.19990827111042.450f1fdc@dol.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I have a one-owner Ten Tec Argonaut 509 that I bought in 1976. Back in January I sent it to Ten Tec for a VFO rebuild, mechanism lubrication, and replacement of the dial pointer tension elastic. The old axle grease they

use on the PTO slug drive had hardened up over the 20 years I used it as my only HF ham radio transceiver. They ran it through their lab after the rebuild and certified all functions meet new specs.

I have not had it on the air since it was returned. The rebuild job cost me \$125 plus shipping and Tennessee sales tax. I have the paper work to substantiate this work.

Modifications: The antenna transfer circuit originally was a reed relay controlled by the keying line. After a long day of contest operating, the reed relay would heat up due to the continual flexing of the reed. Ten-Tec traded me that board for an all solid state version. The solid state version was standard in the later serial numbers. The output RCA connector was replaced by a BNC to prevent accidentally plugging the 12 volt supply into the antenna jack as a friend of mine once did. (Estimated value \$300)

I would also like to sell the companion linear amplifier, the 50 watt Ten Tec 405. It was working fine when removed from service. Included is the Jones plug needed to mate the power supply. (Estimated value \$100)

I have two power supplies available. One is the Ten Tec one Amp supply that powers the 509 when used barefoot. The other supply is the Ten Tec model 251 10 Amp supply. It is capable of powering both the amplifier and the Argonaut simultaneously (Estimated value \$50 for the big one, \$20 for the little one.)

I also have an MFJ-721 audio filter which plugs into the back of the Argonaut. It provides audio bandwidths as narrow as 180 Hz for use on CW plus several wider bandwidths. The neat thing about this filter is that it works inside the AGC loop of the receiver. If the adjacent signal is outside the filter bandwidth, it will not desensitize the receiver. As you probably know, the receiver in the Argonaut is very sensitive but the selectivity is about 4 KHz wide. The audio filter makes this good receiver into a great receiver. (Estimated value \$25)

The total estimated value is \$495. I would like to sell the package for \$425 plus shipping. I am in Delaware but expect to be in the Midwest on a trip soon so I might be able to save you the shipping cost. I might consider splitting it up if I get responses that cover all or most of the items. Let me know if you are interested.

73,

Joe, N2JB

-----  
Date: Fri, 27 Aug 1999 23:24:59 +0800  
From: Sly <cqsly@tm.net.my>  
To: qrp-1@Lehigh.EDU  
Subject: [48636] Anyone out there has a Howes CVF40 VFO ?  
Message-ID: <19990827152459.GCVI1395@User>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi Gang,

Greetings from 9M8 Land in Borneo !

Have a C.M. Howes CTX40 CW tx lying around for years. Badly in need of a CTX40 VFO to finish the QRP rig. Anyone willing to part with one, please let me know.

Tks and 72 de Sly, 9M8SL  
fm 'The hidden paradise of Borneo'.

-----  
Date: Fri, 27 Aug 1999 11:27:17 -0400 (EDT)  
From: Bob Patten <n4bp@bc.seflin.org>  
To: "Steve Yates, AA5TB" <aa5tb@swbell.net>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [48637] Re: BUBBA - Final reminder  
Message-ID: <Pine.3.89.9908271110.A2488-01000000@bc.seflin.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 27 Aug 1999, Steve Yates, AA5TB wrote:

>  
> At last now the heat is good for something - a big multiplier (assuming one  
> can survive). Official high yesterday 106F, 109.2F here at home. Lows  
> still around 84F. This doesn't even include the heat index. No sign of  
> cooling off.

>  
I'll be out on the patio sweating my buns off! I'm expecting a lot of K2 to K2 Q's with my new S/N 438 just finished a few days ago... Be sure to check 10 & 15, like Paul, NA4N said, they should be hot too!

73,

Bob Patten, N4BP

( 0 0 )

Plantation, FL

-----o00o-( )-o00-----

E-Mail: n4bp@bc.seflin.org  
Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>  
Brass Pounder BBS: (954) 472-7715

-----  
Date: Fri, 27 Aug 1999 11:31:50 -0400  
From: Ken Newman <N2CQ@citnet.com>  
To: epaqrp-l@lehigh.edu, QRP-L@lehigh.edu, njqrp@njqrp.org  
Subject: [48638] QRP Contesting This Weekend  
Message-ID: <3.0.6.32.19990827113150.007d1100@mail.citnet.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Date: Thu, 19 Aug 1999 09:57:13 -0400  
Reply-To: epaqrp-l@Lehigh.EDU  
Sender: owner-epaqrp-l@Lehigh.EDU  
From: Ken Newman <N2CQ@citnet.com>  
To: "Eastern PA QRP Club" <epaqrp-l@Lehigh.EDU>  
Subject: QRP Contesting This Weekend  
X-To: epaqrp-l@lehigh.edu  
X-Sender: N2CQ@mail.citnet.com  
X-Mailer: QUALCOMM Windows Eudora Light Version 3.0.6 (32)  
X-Orcpt: rfc822;EPAQRP-L@astro.CC.Lehigh.EDU

~~~~~  
QRP CONTEST CALENDAR

THIS WEEKEND

AUGUST 28-29, 1999

~~~~~  
Hawaii QSO Party (CW/SSB) ... QRP Category

Aug 28 - 1600z to Aug 29 - 2200z

Rules: <http://home.sol.no/~janaalme/htmlrules/qsohi.html>  
~~~~~

Ohio QSO Party (CW/SSB) ... QRP Category

Aug 28 - 1600z to Aug 29 - 0400z

Rules: <http://www.qsl.net/mrrc/oqp.html>

~~~~~  
South Dakota QSO Party (CW/SSB)... QRP Category

Aug 28 - 1600z to Aug 29 - 2200z

Rules: <http://www.arrl.org/contests/months/aug.html>

~~~~~  
BUBBA Summer QRP Sprint (CW) \*\*\* QRP CONTEST! \*\*\*

Aug 29 - 1800z to 2200z

Rules: <http://www.arrl.org/contests/months/aug.html>

~~~~~  
September Calendar coming soon.....

72 de  
Ken Newman - N2CQ  
Woodbury, NJ  
N2CQ@ARRL.NET

~~~QRP Contest Calendar~~~  
<http://www.njqrp.org/data/contesting.html>

~~~ NJ QRP Club Callsign ~~~  
WQ2RP

-----  
Date: Fri, 27 Aug 1999 11:36:11 -0400 (EDT)  
From: Bob Patten <n4bp@bc.seflin.org>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [48639] Re: BUBBA - Final reminder  
Message-ID: <Pine.3.89.9908271111.B2488-0100000@bc.seflin.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII



On Fri, 27 Aug 1999, Bob Patten wrote:

>  
> I'll be out on the patio sweating my buns off! I'm expecting a lot of  
> K2 to K2 Q's with my new S/N 438 just finished a few days ago... Be sure  
> to check 10 & 15, like Paul, NA4N said, they should be hot too!  
>  
Sorry Paul, NA5N, I put you in "four land", I know better...

73,

Bob Patten, N4BP ( 0 0 ) Plantation, FL

-----o00o-( )-o00-----

E-Mail: [n4bp@bc.seflin.org](mailto:n4bp@bc.seflin.org)

Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>

Brass Pounder BBS: (954) 472-7715

-----  
Date: Fri, 27 Aug 1999 11:51:13 -0400  
From: Scott Howell <[whowell@hq.nasa.gov](mailto:whowell@hq.nasa.gov)>  
To: [qrp-1@lehigh.edu](mailto:qrp-1@lehigh.edu)  
Subject: [48640] need help with outlook express, not qrp  
Message-ID: <3.0.32.19990827115109.007d5e50@mail.hq.nasa.gov>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

sorry folks, but I don't know what better group to ask than yall. Anyone who knows how to setup rules/filters in outlookk express and would be willing to walk me through the process by just describing what your to do, I would appreciate it.  
I just can't figure it out. I may have to just purchase the latest ver of Eudora which I know, but if I can use outlook, that would be nice and free.<g>

tia es 72/73 de Scott/n3byy

-----  
Date: Fri, 27 Aug 1999 09:17:28 PDT  
From: "Brad Hernlem" <[alihernlem@hotmail.com](mailto:alihernlem@hotmail.com)>  
To: [qrp-1@lehigh.edu](mailto:qrp-1@lehigh.edu)  
Cc: [bjk@ihug.co.nz](mailto:bjk@ihug.co.nz)  
Subject: [48641] Re: Silver Wire  
Message-ID: <19990827161728.11601.qmail@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

On the subject of silver wire, according to what I understand, the Manhattan Project was a massive consumer of silver during WWII. According to what I have read, almost the entire national stockpile of silver was used to make the windings for the huge magnets in the Uranium isotope separation equipment at Oak Ridge.

Brad

Subject: Silver wire  
From: barry kirkwood (bjk@ihug.co.nz)

>Silver wire in transformers, golden speaker cables etc....  
>But I understand that long ago the dutch Philips company produced  
>interstage  
>transformers with a silver alloy wire. Reason: These transformers  
>frequently  
>broke down due to pinpoint corrosion of the very fine copper wire used....I  
>have a couple of those dutch transformers but have not assayed the wire,  
>hi!  
>73  
>end  
>Barry (Baz) Kirkwood PhD ZL1DD ex ZL1BN, ZL40K etc

---

Get Free Email and Do More On The Web. Visit <http://www.msn.com>

-----  
Date: Fri, 27 Aug 1999 09:34:49 -0700  
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)  
To: <qrp-1@lehigh.edu>  
Subject: [48642] What Kit Should I Build? #3 in a series  
Message-ID: <01bef0aa\$154061c0\$630a0d0a@doug.dpol.k12.ca.us>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I have recommended that the first two kits to be built by a beginner be the VE3DNL marker generator and the Embedded Research TiCK 4 keyer kit. Now that you have built these and got them working, it is time to take the next step up in complexity. It is a huge step, but you are more than ready for it.

My recommendation for the next kit is the Small Wonder Labs SW+ 40 designed by Dave Benson, NN1G. This kit is available as a parts and board kit from Small Wonder Labs for \$55. It is a 40 Meter CW Transceiver that puts out

about 2-3 Watts, and has a real VFO plus a superhet receiver. There are similar kits on the market in about the same price range, but none of them comes close to the SW40+ in value or bang for the buck. Why? Because of the Elmer 101 edition of QRPP, which was the fall issue produced by NorCal QRP Club and I am the editor, which I will say up front. This issue was the result of a 3 month series of articles that appeared here on qrp-l where several experts took the SW40+ kit and explained how to build it in step by step format, and more importantly why it was designed the way it was. What you are getting is a radio design course. Not only do you get to build a radio, but you will learn how and why it works. It is an excellent book and there is nothing else out there that comes close for the price. The Elmer 101 issue of QRPP is available for \$12 (which includes shipping and handling) from Paul Harden at Quicksilver Press, P.O. Box 757, Socorro, NM 87801. Or, you can order it as part of the 98 QRPP back issues from me for \$24 (which includes shipping). The 98 QRPP back issues contain all 4 of the 98 issues of QRPP, including the 2N2/40 issue.

Why do I recommend the SW+? Well there are 2 basic entries in this price class, the SST and the SW+. The SST sells for \$85 and includes connectors and case. The SW+ is \$55, a \$30 savings. But you say, it doesn't include the connectors and case. Well, tell you what, you can buy the connectors and controls for \$5 easily at any hamfest, you'll probably have them in your junk box or a friend will. And, the Elmer 101 book has a great article on building a case from plastic sheet by Bill Jones. It looks and works fantastic, and is very, very easy to do. But if you want, you can put it in a stock Radio Shack case, or one of those computer switch boxes, lots of possibilities here. The Bill Jones case will only cost about \$1 to build. So you should be able to build the SW+ in a case for \$60 or so, which is a \$25 savings over the SST.

But there are a couple of other reasons that I like the SW+ over the SST. First there is the tuning. The SST uses a varactor tuning scheme, and you only get about 10 -12 khz and it is restricted to where ever it falls on the band (they have picked out crystals to give you the QRP hot spots). But the SW+ uses a true VFO, and it can be set to any 40 - 50 kHz segment of the 40 meter band that you want. Think about this. If you build it for the Novice band, and you upgrade, all that you have to do is unsolder the toroid and take off a turn (or is it add?? I can never remember) to put it on the general portion of the band, but it is adjustable as to where it is on the band, where the SST is not. Then later on your interest turns to working DX down on the bottom of the band, you can move the VFO coverage down there just as easily. But you can't do that with the SST!!

The second point is the availability of the Elmer 101 book to go along with the building of the radio. It is not available for the SST. Remember, we want to learn the how and why of the design as well as build the radios.

How do the two designs compare? Well, about the same as far as receiver

sensitivity goes and selectivity as far as I can tell. They both use NE602 front ends and are very similar radios. The difference though is in the price, the VFO vs. the Varactor Tuned VXO, and the availability of the Elmer 101 series.

When you build this kit, there are literally hundreds of people on the list who have built this kit before you, and help is just a posting away. Plus, Dave Benson is one of the best at customer service, if not the best. Alignment is very easy, and you will get to use your VE3DNL to peak the receiver, mark the dial for tuning, and let you know where you are on the band. No special test equipment is needed. The manual is fantastic, the parts and board are top of the line, and it is about a 5 to 10 hour project. And when you finish, you have a QRP transceiver that is capable of providing all the contacts that you want to make. Oh, and the TiCK keyer that you built in Project 2, it works great with the SWL40+ transceiver.

Don't be afraid to take this next step. You built the VE3DNL and got it working. You built the TiCK keyer and it works too!! You have the skills and ability to build a real, honest to goodness CW Transceiver with Superhet Receiver, and it won't break the bank to do it. In fact, you probably have spent about \$100 to get where you are after you finish the first 3 projects, and you have learned a ton, and it has been fun.

Tomorrow, Kit #4 and we take a step sideways in complexity, but you build a very, very useful station accessory which is almost a necessity for easy portable operation.

72, Doug, KI6DS

-----  
Date: Fri, 27 Aug 99 12:30:42 -0400  
From: chuck.olson@sbaonline.gov  
To: qrp-1@lehigh.edu  
Subject: [48643] VE3DNL MARKER GENERATOR  
Message-ID: <9908271230.A5195wk@sbaonline.gov>  
Content-Type: text

Two items on the VE3DNL marker generator:

- 1) Jackson Harbor Press does NOT sell this kit any longer - it sold out last December.
- 2) One user of the VE3DNL marker generator mentioned to me that some of the 5 and 10 kHz markers were missing on 20 meters. I think that this is due to the square wave output of the CD4060. An ideal square wave is

composed of the fundamental frequency plus the odd harmonics (the amplitude of the harmonic is inversely proportional to it's frequency).

Fortunately, the CD4060 doesn't put out a perfect square wave, so the even harmonics are also present. However, they are noticeably weaker. Using my trusty RX-320, the difference between the S-meter readings of odd and even harmonics on 20 meters is more than 10 db. This probably accounts for the missing marker syndrome.

One way to get more signal strength without a direct connection to the antenna socket is by using a gimmick capacitor to couple the marker generator to the radio. Just twist two pieces of insulated wire together for a few inches - then connect one wire to the marker generator and the other wire to the antenna socket of the radio.

Best Regards,

Chuck, WB9KZY  
Jackson Harbor Press

-----  
Date: Fri, 27 Aug 1999 11:15:45 -0600  
From: "Marshall Emm" <mgemm@mtechnologies.com>  
To: bpooley@bar.auracom.com, qrp-1@lehigh.edu  
Subject: [48644] Re: "Bug Mode" keyers  
Message-ID: <199908271714.LAA21886@edison.chisp.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

Hi, Ben--

>>Finally to the point. Is there an electronic keyer with a "Bug Mode" which will make dots for me, but allow me to stay with old habits and make my own dashes, however ill-formed and off-time they may be? Maybe this is an easy mod to put on an existing keyer. Any suggestions?<<

Absolutely an easy one! An electronic keyer connects to a radio just like a straight key (in fact with many commercial xcvers that have built-in keyers, you have to tell the radio it's being driven by a straight key when you use an electronic keyer). So all you have to do is set up your paddle so that the the dot paddle operates the keyer (normal keyer operation), but the dash paddle goes straight across the keyer output, becoming in effect a straight key.

That's if the keyer doesn't support "bug mode," which many do.

73

Marshall Emm  
N1FN/VK5FN  
n1fn@MorseX.com  
Morse Express and Oak Hills Research  
"Everything for the Morse Enthusiast"  
<http://www.MorseX.com>  
<http://www.ohr.com>  
(303)752-3382

--

-----  
Date: Thu, 26 Aug 1999 00:32:08 -0600  
From: "William R. Colbert" <af852@rgfn.epcc.edu>  
To: qrp-l@lehigh.edu  
Subject: [48645] Re: QRPP Subscribers Please Read + Summer QRPP Mailed  
Message-ID: <37C4DF68.E03AD8C4@rgfn.epcc.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

The Spring 99 issue has arrived in Far West Texas. Another fine issue; thanks Doug, Paul, Jim, and all of the authors that make this fine publication possible. Another ARRL qrp'er heard from on page 52. Welcome to the pages of QRPP, Dave.

73

Ray

--

"Politicians are like nappies. Both should be changed regularly -- and for the same reason"  
"Scotsman - Scotsman's Diary 12/97"

-----  
Ray Colbert, W5XE, 00TC 3618, SOWP 1064M NCT2  
(also w5xe@juno.com El Paso, (FAR WEST) TEXAS

-----  
Date: Fri, 27 Aug 1999 10:56:56 -0700  
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)  
To: <qrp-l@lehigh.edu>  
Subject: [48646] Spring QRPP in West Texas  
Message-ID: <01bef0b5\$8d9128c0\$630a0d0a@doug.dpol.k12.ca.us>  
MIME-Version: 1.0  
Content-Type: text/plain;







Graphics by Loek Frederiks

-----  
Date: Fri, 27 Aug 1999 15:36:44 -0400  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <ctrask@primenet.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [48649] Re: Soldering Station  
Message-ID: <001001bef0c3\$8133d7e0\$9001a8c0@mikey.wn.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

>Brad,  
> The Weller, OTOH, is about to go flying out the window to see if  
>is passes a one-time impact test. It takes forever to heat up, will  
get  
>cold sometimes to where the solder will stop flowing, and the tips last  
>less than a week.  
>  
>Chris

I have two Wellers. One is the TCP station with the transformer in it.  
I'm STILL using one original tip from 1979 or so when I got it. If you  
take care of them, they last. I do have a selection of tips, some  
by aftermarket suppliers. They seem to be the same quality as the  
Weller tips. One is a 'chissel tip' that goes down to 1/64". Great for  
surface mount.

If your tips aren't lasting for years, I'd have to ask what the heck  
you're  
doing to them? Or are you using non-plated tips you're getting as  
after-market?

On the down side, the 3-pin connector that is used to let the iron  
'plug in' to the base is a piece of crap. It goes intermittent or just  
plain won't work. Just unplugging the iron from the base and plugging  
back in usually fixes it for about a month or so. I suspect it's  
corrosion  
on the jack. But maybe it's worse. I may just shorten the cord about  
an inch just for S&G, and maybe also crack the base and redo the  
internal connections.

I've tried bending the contacts and using grease. Nothing seems to help. But nothing makes it worse either. One of these days I'm going to get really POed and rip the connector off and put something else there. Otherwise it's a great iron.

I also have a small Weller 110v iron. Don't recall the model, since I hardly use it at all. But it also has the plated tips and is excellent.

I got it because it didn't work. Turned out to be a break in the AC cord. I put a 2 conductor cord on it as a quick fix, and just have never gotten back to putting on a 3-wire grounded cord. But sometimes it is nice to have an 'isolated tip' iron, even though it isn't really...

AND I also have 100/140W gun, which sees service for PL-259's, and is underpowered there. AND the 12V iron that Radio Shack sells that plugs in the cigarette lighter socket! GREAT tool to have. But be aware that when your powering an iron down around 12v, the actual voltage level is critical. With the key off, it can take forever to heat.

You almost always have to start the engine to get the voltage as high as possible to make it work well. Still, for working under the dash or where you can drive but not have AC, it's hard to beat. I can even plug it into the faring on my Gold Wing!

Mike Yetsko  
N1DVJ

-----  
Date: Fri, 27 Aug 1999 16:16:32 EDT  
From: HWRM1SS@aol.com  
To: njqrp@njqrp.org, qrp-1@lehigh.edu  
Cc: HWRM1SS@aol.com  
Subject: [48650] FS: Dick Smith QRP Xcvr Kit CW/USB/LSB  
Message-ID: <d02a4838.24f84c20@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

QRPer's,

While moving I found the following kit unassembled and complete in my "Ham Radio" storage closet. It is HF Transceiver K-6330 marketed by Dick Smith Electronics out of Australia in the mid to late 80's.

Here are the specs:

#### General

|                |   |
|----------------|---|
| FREQ range     | any 500 kHz within 2 - 30 MHz.                        |
| Modes          | CW/LSB/USB  |
| Supply Voltage | 13.8 VDC  |
| Current Drain  | Max 4.5 AMP on transmit                               |
| FREQ Res       | 100 Hz  |
| Crystal Filter | 6 or 8 pole @10.6395 MHz) depending on configuration. |

#### Transmitter

|              |  |
|--------------|--|
| Power Output | 30 Watts Max SSB / 15 Watts Max CW - ( 2 2SC2312 output transistors) |
|--------------|--|

|                      |                   |
|----------------------|-------------------|
| Harmonic Suppression | better than 60 dB |
|----------------------|-------------------|

#### Receiver

|                 |  |
|-----------------|--|
| Sensitivity     | better than 0.5 microVolts (10 dB S+N/N) |
| Selectivity     | 4 kHz at 6 dB                            |
| IF              | 10.6395 MHz                              |
| Image Rejection | better than 60 dB                        |
| RIT (Clarifier) | + or - kHz                               |
| Audio Output    | 2 Watts into 8 ohms                      |
| Noise Blanker   | IF impulse type                          |

All parts were inventoried and re-bagged -- manual has excellent pictorials and instructions/case/speaker/power cord included.

Price \$75.00 plus \$5 shipping lower 48 -- AMAZING!

EMAIL me here or call

Howard Weinstein K3HW  
4041 Ridge Avenue Apt 4-401  
Philadelphia PA 19129

W - (215) 430 - 9095 ext 6473  
H - (215) 843 - 1180

-----  
Date: Fri, 27 Aug 1999 13:59:17 -0700  
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)

To: <qrp-1@lehigh.edu>  
Subject: [48651] Only 50 NorCal Cap kits left  
Message-ID: <01bef0cf\$06f88780\$630a0d0a@doug.dpol.k12.ca.us>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Guys, here is a heads up for you. There are only 50 NorCal cap kits left. When these are gone, they are gone, as we won't be doing more of these. The kits consist of 10 NPO caps for the following values:

Disc Ceramics

1, 2.2, 4.7, 10, 12, 15, 18, 20, 22, 27, 30, 33, 39, 47, 51, 56, 68, 82, 100, 120 pF

Mono NPO's Radial leads

150, 220, 270, 330, 390, 470, 560, 680, 820, 1000 pF

25V Electrolytics, Radial leads

1, 2.2, 4.7, 10, 22, 47, 100, 220, 470 uF

25 each of the following;

.01, .1 uF Mono Axial Leads

The cost for this kit is:

\$30 + \$4 shipping and handling.

To Order: Send a check or money order made out for \$34 to:

Jim Cates  
3241 Eastwood Rd.  
Sacramento, CA 95821

Please include a self addressed mailing label, and be sure to make the check out to Jim Cates, NOT NorCal.

-----

Date: Fri, 27 Aug 1999 17:19:37 EDT  
From: HWRM1SS@aol.com  
To: njqrp@njqrp.org, qrp-1@lehigh.edu  
Subject: [48652] Dick Smith QRP Xcvr Kit CW/USB/LSB is SOLD !!!  
Message-ID: <4c29adfa.24f85ae9@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: 7bit

QRPers...

This must have been a record -- the Kit has been sold -- it actually took less than a one minute...

Tnx es 72

Howard K3HW

-----  
Date: Fri, 27 Aug 1999 17:40:19 EDT  
From: K2UD@aol.com  
To: qrp-l@lehigh.edu  
Subject: [48653] 30M Propagation Tests  
Message-ID: <6f7abbb7.24f85fc3@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

I was advised that a few years ago, there was an event called the 30M Propagation Test. From my recollection, this was a sly attempt to get a bunch of folks on 30M without formally calling it a contest.

Was there such an event, and might there be interest in doing it again sometime? Or starting somesuch silliness on 30M? I think I need to fire up my 38 Special again. It's been a while!

72 all es TNX

Howard Kraus, K2UD

-----  
Date: Fri, 27 Aug 1999 17:12:00 -0500  
From: Jeff Davis <jeff@n9avg.org>  
To: QRP-L List <qrp-l@lehigh.edu>  
Subject: [48654] Power Supply?  
Message-ID: <19990827171200.A18288@n9avg.org>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Hey Friends,

I am putting the finishing touches on an article about low-power operation on a specific budget. I need a power supply recommendation for

a DSW that is less than \$40. Since I am blessed with a chunky 35amp power supply, I have never shopped for one.

Can anybody recommend a PS or battery w/charger that fits the bill?

Thanks!

--

72 de Jeff, N9AVG

-----

Date: Fri, 27 Aug 1999 22:32:00 +0000  
From: Brian Short <bshort@speedchoice.com>  
To: qrp-l@lehigh.edu  
Subject: [48655] FS LDG AT-11 QRP Autotuner  
Message-ID: <4.1.19990827222955.028b7ec0@mail.phoenix.speedchoice.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I will probably later regret it, but I am selling my LDG QRP autotuner. It is assembled, tested, and working inside the LDG enclosure. Retails for \$159 + s/h. I'll ship it within US for \$100.

First come...

73, Brian

--

Brian K. Short <http://www.qex.net/k7on/> <mailto:k7on@arrl.net>

--

-----

Date: Fri, 27 Aug 1999 18:38:34 EDT  
From: FrConrad@aol.com  
To: mgemm@ntechnologies.com  
Cc: QRP-L@lehigh.edu  
Subject: [48656] Re: "Bug Mode" keyers  
Message-ID: <91dd69d4.24f86d6a@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

All this talk about using "Bug Mode" in keyers reminds me of the fellow who spent five years translating the English text of the Old Testament into Hebrew.

John+  
WB6MFS

-----  
Date: Fri, 27 Aug 1999 18:47:09 EDT  
From: RABRUNER@aol.com  
To: ctrask@primenet.com, qrp-l@lehigh.edu, bmug@gwl.com  
Subject: [48657] Re: Soldering Station  
Message-ID: <83210dd8.24f86f6d@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

On Fri, 27 Aug 1999, Brad Mugleston wrote:

> TechAmerica has their EDSYN soldering station on sale (\$74.50 lists \$149).

> Can anyone give me the low down? Are the tips easy to get/replace.

I have an Edsyn 951 with a portable stand that I carry in my tool box and it works well. The tips are easier to change than a Weller and give good service. They are available at larger parts houses and from mail order dealers with no trouble. It seems to take heavier soldering loads with no heat sag very well and I would recommend it. It seems to require less maintenance than the Wellers I own and use. About every 18 to 24 months the Wellers need transplants of critical parts to keep them working successfully. This is true in constant commercial use. The one on my workbench at home seems to run forever with no trouble.

>Do they have lots and lots of accessories - what good is buying something if there

> aren't lots of accessories to buy.

Other than tips and sponges, there are few accessories to buy with any soldering system. Maybe you should get into photography, or ham radio :)

73

Bob Bruner  
WB4TAJ/9

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End of QRP-L Digest 1561

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